

## STEEL SPECIFICATION

ANALYSIS				Material to meet the requirements of ASTM A493 & ASTM A555 unless otherwise stated in this specification.	
Elem.	Min	Max	Comments		
C	0.15	0.25			
Mn	16.00	18.00		Size deviation:	±0.008"
P		0.040			
S		0.030		Out of round:	0.012"
Si	3	4.50			
Cr	16.00	18.00			
Ni	3.00	4.50		Cleanliness:	3 MAX (per ASTM E45 Method A)
Nitrogen	0.35	0.55		Condition:	Annealed 90,000 PSI (620 MPa) max
				Seam Depth:	MAX 1.6% of diameter
Hot rolled, steel rod in coils.					
Each coil should have a metal tag listing:					
Grade					
Heat Number					
Size					
CM Code Number					
Purchase Order Number					
Mill to supply Certificate of Compliance to this complete specification.					
				<b>UNCONTROLLED DOCUMENT</b>	

**Hot Rolled Rod**

[illegible]

Rev.	Change	Appr.	Date
C4835	Specification adopted	TWL	11/7/2001
Dwg: 85MA COIL		Desc: 85MA , Stainless Steel Coils	
		13/HH	